L Number	Hits	Search Text	DB	Time stamp
-	130771	(tuning near3 fork) or microbalance or (micro adj balance)	USPAT;	2004/01/30 10:29
		or qcm or resonator or saw or baw or (surface near3	US-PGPUB	
		acoustic) or (phase near3 lock) or pll		
-	47	((tuning near3 fork) or microbalance or (micro adj balance)	USPAT;	2004/01/29 10:35
		or qcm or resonator or saw or baw or (surface near3	US-PGPUB	
		acoustic) or (phase near3 lock) or pll) with (wellbore or		
		(well near3 bore))		
-	2	(((tuning near3 fork) or microbalance or (micro adj balance)	USPAT;	2004/01/29 10:30
		or qcm or resonator or saw or baw or (surface near3	US-PGPUB	
		acoustic) or (phase near3 lock) or pll) with (wellbore or		
		(well near3 bore))) same (longitud\$6 or plate or lamb)		
-	188	((tuning near3 fork) or microbalance or (micro adj balance)	USPAT;	2004/01/29 10:35
		or qcm or resonator or saw or baw or (surface near3	US-PGPUB	
		acoustic) or (phase near3 lock) or pll) with (borehole or		
		(hole near3 bore))		
-	20927	((tuning near3 fork) or microbalance or (micro adj balance)	USPAT;	2004/01/29 10:58
		or qcm or resonator or saw or baw or (surface near3	US-PGPUB	
		acoustic) or (phase near3 lock) or pll or (bulk near3		
	4.426	acoustic)) same (longitud\$6 or plate or lamb)	UCDAT.	2004/04/20 40:50
-	1436	(((tuning near3 fork) or microbalance or (micro adj balance)	USPAT; US-PGPUB	2004/01/29 10:58
		or qcm or resonator or saw or baw or (surface near3	US-PGPUB	
		acoustic) or (phase near3 lock) or pll or (bulk near3 acoustic)) same (longitud\$6 or plate or lamb)) same		
		(deposit\$6 or settling\$6 or mass)		
	9	(((((tuning near3 fork) or microbalance or (micro adj	USPAT:	2004/01/29 10:59
	_	balance) or gcm or resonator or saw or baw or (surface	US-PGPUB	2001/01/25 10:55
		near3 acoustic) or (phase near3 lock) or pll or (bulk near3	00 . 0. 02	
		acoustic)) same (longitud\$6 or plate or lamb)) same		
		(deposit\$6 or settling\$6 or mass)) same frequency) same		
		fluid		
-	408	((((tuning near3 fork) or microbalance or (micro adj	USPAT;	2004/01/29 12:11
		balance) or qcm or resonator or saw or baw or (surface	US-PGPUB	
		near3 acoustic) or (phase near3 lock) or pll or (bulk near3		
		acoustic)) same (longitud\$6 or plate or lamb)) same		
		(deposit\$6 or settling\$6 or mass)) same frequency		
-	12	4905701.URPN.	USPAT	2004/01/29 12:05
-	4	088752.ap.	USPAT;	2004/01/29 12:11
			US-PGPUB	2004/04/20 42 57
-	1217	mass.ti. and 73\$.ccls.	USPAT;	2004/01/29 12:27
	0775	(32/530 C30) CCI C	US-PGPUB	2004/01/20 42:27
-	9775	(73/570-670).CCLS.	USPAT; US-PGPUB	2004/01/29 12:27
	49	(mass.ti. and 73\$.ccls.) and ((73/570-670).CCLS.)	USPAT;	2004/01/29 12:27
-	49	(mass.u. and 73\$.ccis.) and ((73/370-670).ccls.)	US-PGPUB	2004/01/23 12:2/
	41	5201215.URPN.	USPAT	2004/01/29 12:29
	71	OCOLCIO:OIXF IT.	JUINI	200 11 04 123 12.23

			111	
-	66	(US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or	USPAT;	2004/01/29 14:33
		US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or	US-PGPUB	
		US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or		
		US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or		
		US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or		ļ
		US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or		
		US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or		
		US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or	1	
		US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or		
		US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or		
		US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or		
		US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or		
		US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or		
		US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or		
		US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or		
		US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or		
Į.		US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or		
		US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or		1
		US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or		
		(US-20030151408-\$ or US-20020178805-\$ or		
		US-20030101822-\$ or US-20020121906-\$ or		
		US-20010045829-\$ or US-20030194697-\$ or		
		US-20030160194-\$ or US-20030127944-\$ or		
		US-20020023493-\$).did.		
	45	"6182499"	USPAT;	2004/01/29 14:31
_	"	0102433	US-PGPUB	
	66	(US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or	USPAT;	2004/01/29 14:33
-	00	US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or	US-PGPUB	200 1,00,00
1	İ	US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or	03 / 0/ 02	
1		US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or		
	ľ	US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or		
		US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or	1	
		US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or		
		US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or		
		US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or		
		US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or		
		US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or		
		US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or		
		US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or		
		US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or		
		US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or		
		US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or		
		US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or		
		US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or		
		US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or		
		(US-20030151408-\$ or US-20020178805-\$ or		
		US-20030101822-\$ or US-20020121906-\$ or		
		US-20010045829-\$ or US-20030194697-\$ or		
		US-20030160194-\$ or US-20030127944-\$ or		
		US-20020023493-\$).did.		
1	1 ,	00 20020020100 #/.uiu.		

	<u> </u>	//UC (502624 # am UC (202640 # am UC (202040 # am	LICDAT	2004/04/20 44-24
-	61	((US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or	USPAT;	2004/01/29 14:34
		US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or	US-PGPUB	
		US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or		
		US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or		
		US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or		
		US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or		
		US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or	}	
		US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or	,	
		US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or		
		US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or		
		US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or		
		US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or		
		US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or		
		US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or		
}		US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or		
		US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or		
		US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or		
	l	US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or		
		US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or		
		(US-20030151408-\$ or US-20020178805-\$ or		
		US-20030101822-\$ or US-20020121906-\$ or		
		US-20010045829-\$ or US-20030194697-\$ or		
		US-20030160194-\$ or US-20030127944-\$ or		
		US-20020023493-\$).did.) and (well or wellbore or borehole		
	60	or (bore near3 hole) or petroleum or oil)	LICDAT.	2004/01/20 15:00
-	62	((US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or	USPAT;	2004/01/29 15:00
		US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or	US-PGPUB	
		US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or		
		US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or	1	
	1	US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or		
	1	US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or		
		US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or		
		US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or		
		US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or		
		US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or		
		US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or		
		US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or		
		US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or		
		US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or		
	İ	US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or		
		US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or		
		US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or		
		US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or		
		US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or		
1		(US-20030151408-\$ or US-20020178805-\$ or		
		US-20030101822-\$ or US-20020121906-\$ or		
	1	US-20010045829-\$ or US-20030194697-\$ or		
		US-20030160194-\$ or US-20030127944-\$ or		
		US-20020023493-\$).did.) and (well or wellbore or borehole		
		or (bore near3 hole) or petroleum or oil or gas)		

-	23	((US-6583621-\$ or US-6362619-\$ or US-6009948-\$ or	USPAT;	2004/01/29 15:00
		US-5484626-\$ or US-5130257-\$ or US-6589727-\$ or	US-PGPUB	
		US-6513361-\$ or US-6363773-\$ or US-6286370-\$ or		
		US-6247354-\$ or US-6122954-\$ or US-5922958-\$ or		
		US-5918258-\$ or US-5910286-\$ or US-5869763-\$ or		
		US-5852229-\$ or US-5827952-\$ or US-5756279-\$ or		
		US-5661226-\$ or US-5589396-\$ or US-5572543-\$ or	ļ	
		US-5554935-\$ or US-5527711-\$ or US-5476002-\$ or		
		US-5306644-\$ or US-5235235-\$).did. or (US-5212988-\$ or		
		US-4905701-\$ or US-6289717-\$ or US-6167748-\$ or		
		US-6033852-\$ or US-6016686-\$ or US-5831167-\$ or		
		US-5700952-\$ or US-5179028-\$ or US-4897541-\$ or		
		US-4713540-\$ or US-4691714-\$ or US-4544858-\$ or		
		US-4342970-\$ or US-4320365-\$ or US-4320320-\$ or		
		, · · · · · · · · · · · · · · · · · · ·		
		US-3969641-\$ or US-5201215-\$ or US-6526828-\$ or		
		US-6494079-\$ or US-6401519-\$ or US-6393895-\$ or		
		US-6336353-\$ or US-6269686-\$ or US-6250140-\$ or		
		US-6182499-\$ or US-5798452-\$).did. or (US-5741961-\$ or		
		US-5734098-\$ or US-5661233-\$ or US-5571952-\$).did. or		
		(US-20030151408-\$ or US-20020178805-\$ or		
		US-20030101822-\$ or US-20020121906-\$ or		
		US-20010045829-\$ or US-20030194697-\$ or		
		US-20030160194-\$ or US-20030127944-\$ or		
		US-20020023493-\$).did.) and (longitud\$8)		
-	390045	acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:29
		ultrasound\$4 or supersonic\$4 or supersound\$4	US-PGPUB	
-	5043	(acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:50
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	
		or deposit or deposition or buildup or (build adj up)) same		
		(well or wellbore or bore or borehole or water or sea or		
		barnacle or ship or vessel)		
_	401	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:51
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	. ,
		or deposit or deposition or buildup or (build adj up)) same		
		(well or wellbore or bore or borehole or water or sea or		
		barnacle or ship or vessel)) and 73\$.ccls.		
_	68	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:42
	00	ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	200 1, 02, 00 201 12
		or deposit or deposition or buildup or (build adj up)) same	00 0.00	
		(well or wellbore or bore or borehole or water or sea or		
		barnacle or ship or vessel)) same ((resonance or natural or		
		resonant) near5 (frequency))		
	2000	(acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:41
-	2099		US-PGPUB	2007/01/30 10.41
		ultrasound\$4 or supersonic\$4 or supersound\$4) same	USTRUPUB	
		(settling or sand or impurities) same (well or wellbore or		
		bore or borehole or water or sea or barnacle or ship or		
		vessel)	LICDATE	2004/04/20 40:47
-	21	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:47
		ultrasound\$4 or supersonic\$4 or supersound\$4) same	US-PGPUB	
		(settling or sand or impurities) same (well or wellbore or		
		bore or borehole or water or sea or barnacle or ship or		
		vessel)) same ((resonance or natural or resonant) near5		
		(frequency))		
-	6955	(acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:46
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	
		or deposit\$6 or buildup or (build adj up)) same (well or		
		wellbore or bore or borehole or water or sea or barnacle or		
		ship or vessel or oil or petroleum or petro)		
	l		1	

-	20	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:47
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	
		or deposit\$6 or buildup or (build adj up)) same (well or		
		wellbore or bore or borehole or water or sea or barnacle or		
		ship or vessel or oil or petroleum or petro)) same		
		((resonance or natural or resonant) near5 (frequency)) not		
		(((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or		
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale		
		or deposit or deposition or buildup or (build adj up)) same		
		(well or wellbore or bore or borehole or water or sea or		
	İ	barnacle or ship or vessel)) same ((resonance or natural or		
		resonant) near5 (frequency)))		
-	20680	(acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:55
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (well	US-PGPUB	
		or wellbore or bore or borehole or water or sea or barnacle		
		or ship or vessel) same (transducer or transmitter or		
		transceiver or receiver)		
_	499	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:54
	l	ultrasound\$4 or supersonic\$4 or supersound\$4) same (scale	US-PGPUB	
		or deposit\$6 or buildup or (build adj up)) same (well or		
		wellbore or bore or borehole or water or sea or barnacle or		
		ship or vessel or oil or petroleum or petro)) and 73\$.ccls.		
-	833	((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:56
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (well	US-PGPUB	
		or wellbore or bore or borehole or water or sea or barnacle		
	i	or ship or vessel) same (transducer or transmitter or		
		transceiver or receiver)) same (expos\$4 or situ)		
-	40	(((acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or	USPAT;	2004/01/30 10:56
		ultrasound\$4 or supersonic\$4 or supersound\$4) same (well	US-PGPUB	
		or wellbore or bore or borehole or water or sea or barnacle		
		or ship or vessel) same (transducer or transmitter or		
	Į.	transceiver or receiver)) same (expos\$4 or situ)) same (horn	<u> </u>	
		or coupler or waveguide or (wave adj guide))		
-	3	4872345.URPN.	USPAT	2004/01/30 11:22
-	7	("3056284" "3165923" "3228232" "3587299"	USPAT	2004/01/30 11:25
1		"4289031" "4446736" "4545248").PN.		2004/04/22 44 5=
-	8	3056284.URPN.	USPAT	2004/01/30 11:27
-	14	4286461.URPN.	USPAT	2004/01/30 11:32
-	1 4	("3603145" "3648513" "3776032" "4130010").PN.	USPAT	2004/01/30 11:33